Notebook Series -- Notebooks by Edison and Other Experimenters
Miscellaneous Experiments
Notebook, N-Undated.4

This notebook was used by Edison and Absalom M. Kennedy, probably during 1916, for notes on experiments relating to violins and violin strings. The early entries (experiments 1-31) include numerous comments by Edison, particularly on the loudness of the recordings. The remaining entries (experiments 32-176) simply list the instrument or string and provide no comments; these have not been selected. The front cover is labeled "Tests of Musical Instruments and parts." The pages are unnumbered. Approximately 65 pages have been used.

Tests of Violin "E" Strings

STEEL

L.H. Damascus #54 Roth

#1

#2

#3

SILK

R&N Silk #1042 R&N

#4. Very impure —

#5. Much louder than 4 most notes pure, some impure — high notes audible LC Volume less in 4 inaudible —, rather even Volume

#6. not quite so loud as 5 = more notes impure uneven Volume

R'Anglon Braided Silk R+N

#7. Fairly pure - Volume varied Gr. at one spot enormous variation of Volume as go up in scale Showing at one note drops 3 or 4 times weaker beyond & suddenly

#8. Even Volume (Very) no sudden drop - notes fairly pure About Like 5 — Very good String -

#9. Even in Vol Loud - 2 notes impure - ~~Good~~ one very bad near bebowing [illegible] than the - good String -

GUT

L & H. Cremonesque Sealed #1426 L&H

#10 Very loud - loudest yet
fairly even Vol only one place
going high it suddenly changes a
not severely - Considering Loudness
the notes are fairly pure -

#11 Very Loud & fairly even - only 1 note
impure -

#12 impure - very uneven Volume

L & H. Cremonesque Sealed #1450 L&H

#13 V.

#14

#15

GUT

Thomas Orchestra #1536 L&H

#16

#17

#18

L. & H. Equitone L&H

#19

#20

#21

GUT

L&M Equitone # 1546. L&M

#22

#23

#24

Amerital #1446. L&M

#25

#26

#27

GJT

Waterproof

Lost

#28

#29

#30

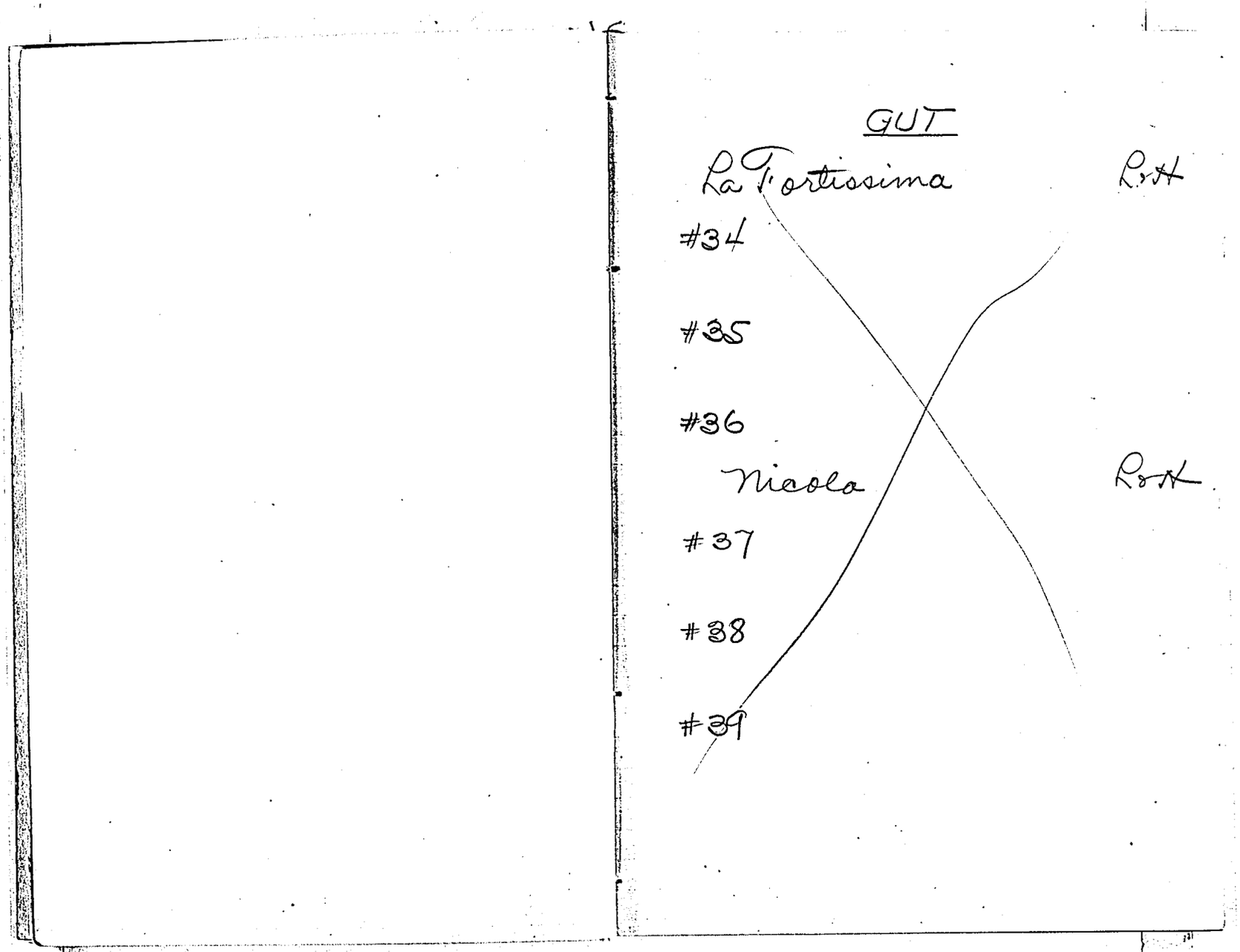
Albania

Lost

#31

#32

#33


GUT
La Tortissima
Rest
#34
#35
#36
Nicola
Rest
#37
#38
#39

GUT

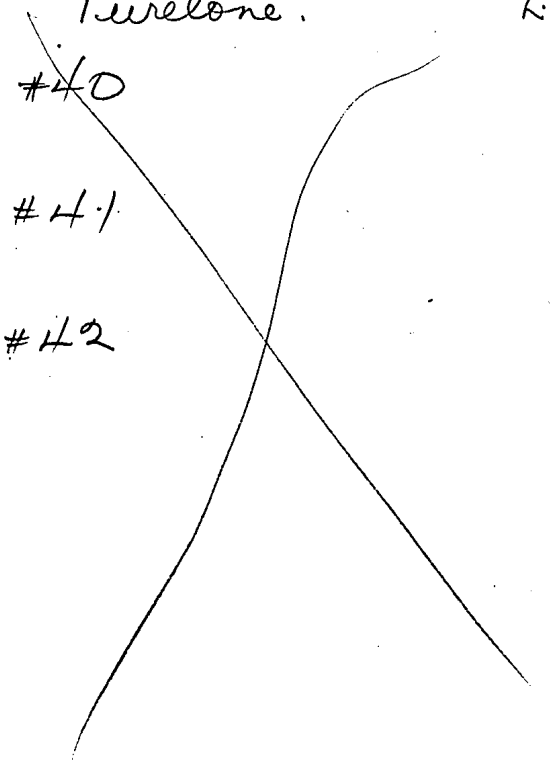
Peritone.

L. & K.

#40

#41

#42



GUT

Zir/Ormonoque # 1450

#13 Impure – loud, after reaching a high point & while loud the next note is inaudible – died at twice – poor string –

14 Not loud like 13 – sudden change Volume on high – slightly impure notes. not good string –

15 Impure nearly all Cerm
not Extra Loud, Some variable
Vacuum Not good thing -

Fort Cremonese #1426

10 = Even - fairly pure
Loud - good thing

11 = Fairly Good Volume -
Not Loud Last 2 high
Notes Extraordinary
impure - poor string

12 = Very Loud, Even -
only 1 high note successful
Impure - Very good String

Thomas Orchestra Lott

16 Not loud - family
Even volume 2 imperfect
notes — Not good string

17 = family loud - family
Violin some imperfect
notes - fair string

18 = little louder than

17 = ~~Too~~ Even - some impure notes - four strings

~~Equitone R & H~~

22 = Loud - Even Vol notes nearly pure good strings

23 = Very loud.
Notes unseven at extremes
pianis. + not sounded evenly
on high – some notes
inaudible – only four strings.

24 = Fairly loud all
notes pianis. Volume even
Except last 2 notes – drop
Considerable good string
Especially for pianis.

Amerital Lot

#25 Not very loud
Improves in loud —
quite droopy on Valium and
not 3 hours —
Not a good thing

26 = No test

27 = No test)

28 = Waterproof Roof
Ring bond - some
impure nodes, Values
Varies according Work
Not good Lining
Except Ring bond

29= Very loud
fairly even - a million
pure good string

30= fairly loud
impure - fairly
even vol not good string

31 = Albania Lek.

Impura - variable.

Volum Natyrad Oleum

[ITEM(S) FOUND IN BOOK]

Mr. Dawson—

We have the
following engagement
next week

Wed 8th Miss Pollak 2 P.M.
Thurs. 10th Miss Curtis 9:30 am

Kennedy